

Abstract of the Disclosure

A phosphor excited by a vacuum ultraviolet ray has composition substantially expressed by  $L_{1-x}Tb_xAl_3(BO_3)_4$ , or  $L_{1-x}$

5  $_yTb_xCe_yAl_3(BO_3)_4$  (L denotes at least one of element selected from Y and Gd,  $0.1 < x \leq 0.7$ , and  $0.00001 \leq y \leq 0.01$ ). The phosphor excited by a vacuum ultraviolet ray emits a strong green emission when irradiated with the vacuum ultraviolet ray of 200 nm or less in wavelength, and suitably applied to  
10 a light emitting apparatus such as a rare gas discharge lamp or a PDP using a vacuum ultraviolet ray as an exciting source.

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